

Peter Flatt

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

547
papers

15,067
citations

58
h-index

88
g-index

560
ext. papers

16,615
ext. citations

4.8
avg. IF

6.68
L-index

#	Paper	IF	Citations
547	Is polypharmacy the future for pharmacological management of obesity?. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2022 , 23, 100322	1.7	1
546	Insulin secretory and antidiabetic actions of Heritiera fomes bark together with isolation of active phytomolecules.. <i>PLoS ONE</i> , 2022 , 17, e0264632	3.7	1
545	GABA and insulin but not nicotinamide augment β to β cell transdifferentiation in insulin-deficient diabetic mice.. <i>Biochemical Pharmacology</i> , 2022 , 115019	6	0
544	Ac3IV, a V1a and V1b receptor selective vasopressin analogue, protects against hydrocortisone-induced changes in pancreatic islet cell lineage.. <i>Peptides</i> , 2022 , 152, 170772	3.8	
543	Dual-agonist incretin peptides from fish with potential for obesity-related Type 2 diabetes therapy - A review. <i>Peptides</i> , 2021 , 147, 170706	3.8	0
542	Classical and non-classical islet peptides in the control of β cell function.. <i>Peptides</i> , 2021 , 150, 170715	3.8	0
541	Established and emerging roles peptide YY (PYY) and exploitation in obesity-diabetes. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2021 , 28, 253-261	4	10
540	Anti-hyperglycaemic and insulin-releasing effects of leaves and isolation and characterisation of active compounds. <i>British Journal of Nutrition</i> , 2021 , 126, 1149-1163	3.6	3
539	Insulinotropic and antidiabetic properties of Eucalyptus citriodora leaves and isolation of bioactive phytomolecules. <i>Journal of Pharmacy and Pharmacology</i> , 2021 , 73, 1049-1061	4.8	3
538	Effects of long-acting analogues of lamprey GLP-1 and paddlefish glucagon on alpha- to beta-cell transdifferentiation in an insulin-deficient transgenic mouse model. <i>Journal of Peptide Science</i> , 2021 , 27, e3328	2.1	1
537	Proglucagon-Derived Peptides as Therapeutics. <i>Frontiers in Endocrinology</i> , 2021 , 12, 689678	5.7	7
536	Metabolic responses and benefits of glucagon-like peptide-1 (GLP-1) receptor ligands. <i>British Journal of Pharmacology</i> , 2021 ,	8.6	4
535	Benefits of Sustained Upregulated Unimolecular GLP-1 and CCK Receptor Signalling in Obesity-Diabetes. <i>Frontiers in Endocrinology</i> , 2021 , 12, 674704	5.7	2
534	Effects of first-line diabetes therapy with biguanides, sulphonylurea and thiazolidinediones on the differentiation, proliferation and apoptosis of islet cell populations. <i>Journal of Endocrinological Investigation</i> , 2021 , 1	5.2	1
533	Weight-reducing, lipid-lowering and antidiabetic activities of a novel arginine vasopressin analogue acting at the V1a and V1b receptors in high-fat-fed mice. <i>Diabetes, Obesity and Metabolism</i> , 2021 , 23, 2215-2225	6.7	3
532	Identification of Multiple Pancreatic and Extra-Pancreatic Pathways Underlying the Glucose-Lowering Actions of Bark in Type-2 Diabetes and Isolation of Active Phytoconstituents. <i>Plants</i> , 2021 , 10,	4.5	2
531	Enzymatically stable analogue of the gut-derived peptide xenin on beta-cell transdifferentiation in high fat fed and insulin-deficient Ins1 ^{-/-} ;Rosa26-eYFP mice. <i>Diabetes/Metabolism Research and Reviews</i> , 2021 , 37, e3384	7.5	4

530	The methionine aminopeptidase 2 inhibitor, TNP-470, enhances the antidiabetic properties of sitagliptin in mice by upregulating xenin. <i>Biochemical Pharmacology</i> , 2021 , 183, 114355	6	3
529	Development and characterisation of novel, enzymatically stable oxytocin analogues with beneficial antidiabetic effects in high fat fed mice. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021 , 1865, 129811	4	8
528	Effects of 22 traditional anti-diabetic medicinal plants on DPP-IV enzyme activity and glucose homeostasis in high-fat fed obese diabetic rats. <i>Bioscience Reports</i> , 2021 , 41,	4.1	6
527	Pharmacology of Gut Hormone Mimetics for Obesity and Diabetes 2021 ,		1
526	Mechanisms of action of the antidiabetic peptide [S4K]CPF-AM1 in db/db mice. <i>Journal of Molecular Endocrinology</i> , 2021 , 66, 115-128	4.5	3
525	Beneficial actions of the [A14K] analog of the frog skin peptide PGLa-AM1 in mice with obesity and degenerative diabetes: A mechanistic study. <i>Peptides</i> , 2021 , 136, 170472	3.8	2
524	Positive Effects of NPY1 Receptor Activation on Islet Structure Are Driven by Pancreatic Alpha- and Beta-Cell Transdifferentiation in Diabetic Mice. <i>Frontiers in Endocrinology</i> , 2021 , 12, 633625	5.7	5
523	Amplifying the antidiabetic actions of glucagon-like peptide-1: Potential benefits of new adjunct therapies. <i>Diabetic Medicine</i> , 2021 , 38, e14699	3.5	2
522	Beneficial impact of Ac3IV, an AVP analogue acting specifically at V1a and V1b receptors, on diabetes islet morphology and transdifferentiation of alpha- and beta-cells.. <i>PLoS ONE</i> , 2021 , 16, e0261608	3.7	1
521	Effects of on insulin secretion, dipeptidyl peptidase IV activity and both carbohydrate digestion and absorption indicate potential as an adjunctive therapy for diabetes. <i>British Journal of Nutrition</i> , 2020 , 124, 1021-1034	3.6	6
520	Enteroendocrine K Cells Exert Complementary Effects to Control Bone Quality and Mass in Mice. <i>Journal of Bone and Mineral Research</i> , 2020 , 35, 1363-1374	6.3	6
519	Anti-hyperglycaemic activity of <i>H. rosa-sinensis</i> leaves is partly mediated by inhibition of carbohydrate digestion and absorption, and enhancement of insulin secretion. <i>Journal of Ethnopharmacology</i> , 2020 , 253, 112647	5	14
518	Dapagliflozin exerts positive effects on beta cells, decreases glucagon and does not alter beta- to alpha-cell transdifferentiation in mouse models of diabetes and insulin resistance. <i>Biochemical Pharmacology</i> , 2020 , 177, 114009	6	9
517	Glucagon from the phylogenetically ancient paddlefish provides a template for the design of a long-acting peptide with effective anti-diabetic and anti-obesity activities. <i>European Journal of Pharmacology</i> , 2020 , 878, 173101	5.3	4
516	Individual and combined effects of GIP and xenin on differentiation, glucose uptake and lipolysis in 3T3-L1 adipocytes. <i>Biological Chemistry</i> , 2020 , 401, 1293-1303	4.5	4
515	Liraglutide and sitagliptin counter beta- to alpha-cell transdifferentiation in diabetes. <i>Journal of Endocrinology</i> , 2020 , 245, 53-64	4.7	20
514	Peptide YY (1-36) peptides from phylogenetically ancient fish targeting mammalian neuropeptide Y1 receptors demonstrate potent effects on pancreatic β -cell function, growth and survival. <i>Diabetes, Obesity and Metabolism</i> , 2020 , 22, 404-416	6.7	11
513	Blockade of gastric inhibitory polypeptide (GIP) action as a novel means of countering insulin resistance in the treatment of obesity-diabetes. <i>Peptides</i> , 2020 , 125, 170203	3.8	9

512	Pharmacological potential of novel agonists for FFAR4 on islet and enteroendocrine cell function and glucose homeostasis. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 142, 105104	5.1	9
511	CRISPR/Cas9 gene editing demonstrates metabolic importance of GPR55 in the modulation of GIP release and pancreatic beta cell function. <i>Peptides</i> , 2020 , 125, 170251	3.8	10
510	Chronic apelin analogue administration is more effective than established incretin therapies for alleviating metabolic dysfunction in diabetic db/db mice. <i>Molecular and Cellular Endocrinology</i> , 2020 , 504, 110695	4.4	8
509	A GIP/xenin hybrid in combination with exendin-4 improves metabolic status in db/db diabetic mice and promotes enduring antidiabetic benefits in high fat fed mice. <i>Biochemical Pharmacology</i> , 2020 , 171, 113723	6	5
508	GIP analogues augment bone strength by modulating bone composition in diet-induced obesity in mice. <i>Peptides</i> , 2020 , 125, 170207	3.8	11
507	Effects of long-acting GIP, xenin and oxyntomodulin peptide analogues on alpha-cell transdifferentiation in insulin-deficient diabetic Glu;ROSA26-eYFP mice. <i>Peptides</i> , 2020 , 125, 170205	3.8	14
506	Antidiabetic drug therapy alleviates type 1 diabetes in mice by promoting pancreatic β cell transdifferentiation. <i>Biochemical Pharmacology</i> , 2020 , 182, 114216	6	11
505	Development and characterisation of a peptidergic N-and C-terminally stabilised mammalian NPY1R agonist which protects against diabetes induction. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020 , 1864, 129543	4	6
504	Evaluation of the Antidiabetic and Insulin Releasing Effects of , Including Isolation and Characterization of Active Phytochemicals. <i>Plants</i> , 2020 , 9,	4.5	4
503	Generation and characterisation of C-terminally stabilised PYY molecules with potential in vivo NPYR2 activity. <i>Metabolism: Clinical and Experimental</i> , 2020 , 111, 154339	12.7	3
502	Beneficial actions of a long-acting apelin analogue in diabetes are related to positive effects on islet cell turnover and transdifferentiation. <i>Diabetes, Obesity and Metabolism</i> , 2020 , 22, 2468-2478	6.7	7
501	Role of exendin-4 in the Gila monster: Further lessons regarding human oral glucagon-like peptide-1 therapy?. <i>Diabetes, Obesity and Metabolism</i> , 2020 , 22, 2509-2511	6.7	1
500	A long-acting, dual-agonist analogue of lamprey GLP-1 shows potent insulinotropic, β cell protective, and anorexic activities and improves glucose homeostasis in high fat-fed mice. <i>Molecular and Cellular Endocrinology</i> , 2020 , 499, 110584	4.4	6
499	Glucagon-like peptide 1 (GLP-1). <i>Molecular Metabolism</i> , 2019 , 30, 72-130	8.8	364
498	The GLP-1 Receptor Agonist Exenatide Ameliorates Bone Composition and Tissue Material Properties in High Fat Fed Diabetic Mice. <i>Frontiers in Endocrinology</i> , 2019 , 10, 51	5.7	17
497	Vasopressin receptors in islets enhance glucose tolerance, pancreatic beta-cell secretory function, proliferation and survival. <i>Biochimie</i> , 2019 , 158, 191-198	4.6	20
496	Zinc-induced activation of GPR39 regulates glucose homeostasis through glucose-dependent insulinotropic polypeptide secretion from enteroendocrine K-cells. <i>Biological Chemistry</i> , 2019 ,	4.5	5
495	Effects of 2 Novel PYY(1-36) Analogues, (PLP)PYY(1-36) and PYY(1-36)(LysPAL), on Pancreatic Beta-Cell Function, Growth, and Survival. <i>Clinical Medicine Insights: Endocrinology and Diabetes</i> , 2019 , 12, 1179551419855626	4.3	12

494	Antidiabetic effects and sustained metabolic benefits of sub-chronic co-administration of exendin-4/gastrin and xenin-8-Gln in high fat fed mice. <i>European Journal of Pharmacology</i> , 2019 , 865, 172733	5.3	1
493	Characterisation of Glucose-Dependent Insulinotropic Polypeptide Receptor Antagonists in Rodent Pancreatic Beta Cells and Mice. <i>Clinical Medicine Insights: Endocrinology and Diabetes</i> , 2019 , 12, 11795514139875453	4.3	9
492	The Enteroinsular Axis 2019 , 41-56		2
491	Sitagliptin Alters Bone Composition in High-Fat-Fed Mice. <i>Calcified Tissue International</i> , 2019 , 104, 437-448	3.8	12
490	Glucagon-like peptides-1 from phylogenetically ancient fish show potent anti-diabetic activities by acting as dual GLP1R and GCGR agonists. <i>Molecular and Cellular Endocrinology</i> , 2019 , 480, 54-64	4.4	7
489	Exendin-4(Lys PAL)/gastrin/xenin-8-Gln: A novel acylated GLP-1/gastrin/xenin hybrid peptide that improves metabolic status in obese-diabetic (ob/ob) mice. <i>Diabetes/Metabolism Research and Reviews</i> , 2019 , 35, e3106	7.5	11
488	Insulinotropic activity of the host-defense peptide frenatin 2D: Conformational, structure-function and mechanistic studies. <i>Biochimie</i> , 2019 , 156, 12-21	4.6	2
487	Identification of Components in Frog Skin Secretions with Therapeutic Potential as Antidiabetic Agents. <i>Methods in Molecular Biology</i> , 2018 , 1719, 319-333	1.4	10
486	Emerging therapeutic potential for peptide YY for obesity-diabetes. <i>Peptides</i> , 2018 , 100, 269-274	3.8	36
485	Role of islet peptides in beta cell regulation and type 2 diabetes therapy. <i>Peptides</i> , 2018 , 100, 212-218	3.8	9
484	Cholecystokinin (CCK) and related adjunct peptide therapies for the treatment of obesity and type 2 diabetes. <i>Peptides</i> , 2018 , 100, 229-235	3.8	30
483	Apelin-13 analogues show potent in vitro and in vivo insulinotropic and glucose lowering actions. <i>Peptides</i> , 2018 , 100, 219-228	3.8	22
482	A novel GLP-1/xenin hybrid peptide improves glucose homeostasis, circulating lipids and restores GIP sensitivity in high fat fed mice. <i>Peptides</i> , 2018 , 100, 202-211	3.8	23
481	Tissue expression of DPP-IV in obesity-diabetes and modulatory effects on peptide regulation of insulin secretion. <i>Peptides</i> , 2018 , 100, 165-172	3.8	12
480	Assessment of the potential of temporin peptides from the frog <i>Rana temporaria</i> (Ranidae) as anti-diabetic agents. <i>Journal of Peptide Science</i> , 2018 , 24, e3065	2.1	16
479	Oxytocin is present in islets and plays a role in beta-cell function and survival. <i>Peptides</i> , 2018 , 100, 260-268	3.8	23
478	Expression of Gastrin Family Peptides in Pancreatic Islets and Their Role in β Cell Function and Survival. <i>Pancreas</i> , 2018 , 47, 190-199	2.6	10
477	Insulinotropic, glucose-lowering, and beta-cell anti-apoptotic actions of peptides related to esculentin-1a(1-21).NH. <i>Amino Acids</i> , 2018 , 50, 723-734	3.5	7

476	Beneficial metabolic effects of dietary epigallocatechin gallate alone and in combination with exendin-4 in high fat diabetic mice. <i>Molecular and Cellular Endocrinology</i> , 2018 , 460, 200-208	4.4	8
475	Beneficial long-term antidiabetic actions of N- and C-terminally modified analogues of apelin-13 in diet-induced obese diabetic mice. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 319-327	6.7	15
474	Peptides from frog skin with potential for development into agents for Type 2 diabetes therapy. <i>Peptides</i> , 2018 , 100, 275-281	3.8	24
473	Characterisation and antidiabetic utility of a novel hybrid peptide, exendin-4/gastrin/xenin-8-Gln. <i>European Journal of Pharmacology</i> , 2018 , 834, 126-135	5.3	14
472	Novel dual incretin agonist peptide with antidiabetic and neuroprotective potential. <i>Biochemical Pharmacology</i> , 2018 , 155, 264-274	6	23
471	The Effects of Experimental Diabetes on the Cytochrome P450 System and Other Metabolic Pathways 2018 , 79-116		
470	Evaluation of the insulinotropic and glucose-lowering actions of zebrafish GIP in mammalian systems: Evidence for involvement of the GLP-1 receptor. <i>Peptides</i> , 2018 , 100, 182-189	3.8	12
469	Cellular models for beta-cell function and diabetes gene therapy. <i>Acta Physiologica</i> , 2018 , 222, e13012	5.6	17
468	Glucagon-related peptides from phylogenetically ancient fish reveal new approaches to the development of dual GCGR and GLP1R agonists for type 2 diabetes therapy. <i>Peptides</i> , 2018 , 110, 19-29	3.8	8
467	C-terminal degradation of PYY peptides in plasma abolishes effects on satiety and beta-cell function. <i>Biochemical Pharmacology</i> , 2018 , 158, 95-102	6	11
466	Long-term treatment with acylated analogues of apelin-13 amide ameliorates diabetes and improves lipid profile of high-fat fed mice. <i>PLoS ONE</i> , 2018 , 13, e0202350	3.7	21
465	Influence of neuropeptide Y and pancreatic polypeptide on islet function and beta-cell survival. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017 , 1861, 749-758	4	25
464	Esculentin-2CHa(1-30) and its analogues: stability and mechanisms of insulinotropic action. <i>Journal of Endocrinology</i> , 2017 , 232, 423-435	4.7	15
463	Actions of PGLa-AM1 and its [A14K] and [A20K] analogues and their therapeutic potential as anti-diabetic agents. <i>Biochimie</i> , 2017 , 138, 1-12	4.6	13
462	Metabolic and neuroprotective effects of dapagliflozin and liraglutide in diabetic mice. <i>Journal of Endocrinology</i> , 2017 , 234, 255-267	4.7	42
461	An enzymatically stable GIP/xenin hybrid peptide restores GIP sensitivity, enhances beta cell function and improves glucose homeostasis in high-fat-fed mice. <i>Diabetologia</i> , 2017 , 60, 541-552	10.3	25
460	Acylated apelin-13 amide analogues exhibit enzyme resistance and prolonged insulin releasing, glucose lowering and anorexic properties. <i>Biochemical Pharmacology</i> , 2017 , 146, 165-173	6	21
459	Anti-diabetic actions of esculentin-2CHa(1-30) and its stable analogues in a diet-induced model of obesity-diabetes. <i>Amino Acids</i> , 2017 , 49, 1705-1717	3.5	12

458	Locally produced xenin and the neurotensinergic system in pancreatic islet function and β cell survival. <i>Biological Chemistry</i> , 2017 , 399, 79-92	4.5	24
457	Cytotoxic peptides with insulin-releasing activities from skin secretions of the Italian stream frog <i>Rana italica</i> (Ranidae). <i>Journal of Peptide Science</i> , 2017 , 23, 769-776	2.1	10
456	Differential expression of glucagon-like peptide-2 (GLP-2) is involved in pancreatic islet cell adaptations to stress and beta-cell survival. <i>Peptides</i> , 2017 , 95, 68-75	3.8	16
455	GPR39 receptors and actions of trace metals on pancreatic beta cell function and glucose homeostasis. <i>Acta Diabetologica</i> , 2016 , 53, 279-93	3.9	13
454	In vitro and in vivo insulinotropic properties of the multifunctional frog skin peptide hymenochirin-1B: a structure-activity study. <i>Amino Acids</i> , 2016 , 48, 535-47	3.5	26
453	Dogfish glucagon analogues counter hyperglycaemia and enhance both insulin secretion and action in diet-induced obese diabetic mice. <i>Diabetes, Obesity and Metabolism</i> , 2016 , 18, 1013-24	6.7	19
452	High fat-fed diabetic mice present with profound alterations of the osteocyte network. <i>Bone</i> , 2016 , 90, 99-106	4.7	25
451	Glucoregulatory, endocrine and morphological effects of [P5K]hymenochirin-1B in mice with diet-induced glucose intolerance and insulin resistance. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016 , 389, 769-81	3.4	13
450	G protein-coupled receptors: signalling and regulation by lipid agonists for improved glucose homeostasis. <i>Acta Diabetologica</i> , 2016 , 53, 177-88	3.9	30
449	Beneficial metabolic actions of a stable GIP agonist following pre-treatment with a SGLT2 inhibitor in high fat fed diabetic mice. <i>Molecular and Cellular Endocrinology</i> , 2016 , 420, 37-45	4.4	19
448	A novel chemically modified analogue of xenin-25 exhibits improved glucose-lowering and insulin-releasing properties. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016 , 1860, 757-64	4	20
447	Molecular mechanisms mediating the beneficial metabolic effects of [Arg4]tigerinin-1R in mice with diet-induced obesity and insulin resistance. <i>Biological Chemistry</i> , 2016 , 397, 753-64	4.5	15
446	Evaluation of the role of N-methyl-D-aspartate (NMDA) receptors in insulin secreting beta-cells. <i>European Journal of Pharmacology</i> , 2016 , 771, 107-13	5.3	10
445	Isolation and Characterisation of Insulin-Releasing Compounds from <i>Pseudechis australis</i> and <i>Pseudechis butleri</i> Venom. <i>International Journal of Peptide Research and Therapeutics</i> , 2016 , 22, 211-218 ^{2.1}		1
444	[110W]tigerinin-1R enhances both insulin sensitivity and pancreatic beta cell function and decreases adiposity and plasma triglycerides in high-fat mice. <i>Acta Diabetologica</i> , 2016 , 53, 303-15	3.9	5
443	Implanting 1.1B4 human β cell pseudoislets improves glycaemic control in diabetic severe combined immune deficient mice. <i>World Journal of Diabetes</i> , 2016 , 7, 523-533	4.7	8
442	Biological Activity and Antidiabetic Potential of C-Terminal Octapeptide Fragments of the Gut-Derived Hormone Xenin. <i>PLoS ONE</i> , 2016 , 11, e0152818	3.7	21
441	Improved antioxidative defence protects insulin-producing cells against homocysteine toxicity. <i>Chemico-Biological Interactions</i> , 2016 , 256, 37-46	5	4

440	Molecular Mechanisms of Toxicity and Cell Damage by Chemicals in a Human Pancreatic Beta Cell Line, 1.1B4. <i>Pancreas</i> , 2016 , 45, 1320-9	2.6	7
439	Co-culture of clonal beta cells with GLP-1 and glucagon-secreting cell line impacts on beta cell insulin secretion, proliferation and susceptibility to cytotoxins. <i>Biochimie</i> , 2016 , 125, 119-25	4.6	9
438	Functionality and antidiabetic utility of β and L-cell containing pseudoislets. <i>Experimental Cell Research</i> , 2016 , 344, 201-9	4.2	8
437	Novel dual agonist peptide analogues derived from dogfish glucagon show promising in vitro insulin releasing actions and antihyperglycaemic activity in mice. <i>Molecular and Cellular Endocrinology</i> , 2016 , 431, 133-44	4.4	16
436	A new stable GIP-Oxyntomodulin hybrid peptide improved bone strength both at the organ and tissue levels in genetically-inherited type 2 diabetes mellitus. <i>Bone</i> , 2016 , 87, 102-13	4.7	22
435	Metabolic effects of orally administered small-molecule agonists of GPR55 and GPR119 in multiple low-dose streptozotocin-induced diabetic and incretin-receptor-knockout mice. <i>Diabetologia</i> , 2016 , 59, 2674-2685	10.3	31
434	Glucose-dependent insulinotropic polypeptide (GIP) dose-dependently reduces osteoclast differentiation and resorption. <i>Bone</i> , 2016 , 91, 102-12	4.7	25
433	Islet distribution of Peptide YY and its regulatory role in primary mouse islets and immortalised rodent and human beta-cell function and survival. <i>Molecular and Cellular Endocrinology</i> , 2016 , 436, 102-114	4.4	52
432	Functional GIP receptors play a major role in islet compensatory response to high fat feeding in mice. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015 , 1850, 1206-14	4	15
431	Xenin-25[Lys13PAL]: a novel long-acting acylated analogue of xenin-25 with promising antidiabetic potential. <i>Acta Diabetologica</i> , 2015 , 52, 461-71	3.9	30
430	Isolation and characterisation of insulin-releasing compounds from <i>Crotalus adamanteus</i> , <i>Crotalus vegrandis</i> and <i>Bitis nasicornis</i> venom. <i>Toxicon</i> , 2015 , 101, 48-54	2.8	7
429	Differential molecular and cellular responses of GLP-1 secreting L-cells and pancreatic alpha cells to glucotoxicity and lipotoxicity. <i>Experimental Cell Research</i> , 2015 , 336, 100-8	4.2	25
428	A Novel CCK-8/GLP-1 Hybrid Peptide Exhibiting Prominent Insulinotropic, Glucose-Lowering, and Satiety Actions With Significant Therapeutic Potential in High-Fat-Fed Mice. <i>Diabetes</i> , 2015 , 64, 2996-3009	8.9	56
427	Effects of anti-diabetic drugs on bone metabolism. <i>Expert Review of Endocrinology and Metabolism</i> , 2015 , 10, 663-675	4.1	12
426	Alteration of the bone tissue material properties in type 1 diabetes mellitus: A Fourier transform infrared microspectroscopy study. <i>Bone</i> , 2015 , 76, 31-9	4.7	21
425	Stable oxyntomodulin analogues exert positive effects on hippocampal neurogenesis and gene expression as well as improving glucose homeostasis in high fat fed mice. <i>Molecular and Cellular Endocrinology</i> , 2015 , 412, 95-103	4.4	19
424	The frog skin host-defense peptide CPF-SE1 improves glucose tolerance, insulin sensitivity and islet function and decreases plasma lipids in high-fat fed mice. <i>European Journal of Pharmacology</i> , 2015 , 764, 38-47	5.3	13
423	Positive effects of GLP-1 receptor activation with liraglutide on pancreatic islet morphology and metabolic control in C57BL/KsJ db/db mice with degenerative diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2015 , 31, 248-55	7.5	22

422	Beneficial effects of tigerinin-1R on glucose homeostasis and beta cell function in mice with diet-induced obesity-diabetes. <i>Biochimie</i> , 2015 , 109, 18-26	4.6	13
421	Double incretin receptor knock-out (DIRKO) mice present with alterations of trabecular and cortical micromorphology and bone strength. <i>Osteoporosis International</i> , 2015 , 26, 209-18	5.3	34
420	Magainin-AM2 improves glucose homeostasis and beta cell function in high-fat fed mice. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015 , 1850, 80-7	4	15
419	Synthesis and Evaluation of a Series of Long-Acting Glucagon-Like Peptide-1 (GLP-1) Pentasaccharide Conjugates for the Treatment of Type 2 Diabetes. <i>ChemMedChem</i> , 2015 , 10, 1424-34	3.7	6
418	Pharmacological characterization and antidiabetic activity of a long-acting glucagon-like peptide-1 analogue conjugated to an antithrombin III-binding pentasaccharide. <i>Diabetes, Obesity and Metabolism</i> , 2015 , 17, 760-70	6.7	6
417	Sustained treatment with a stable long-acting oxyntomodulin analogue improves metabolic control and islet morphology in an experimental model of type 1 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2015 , 17, 887-95	6.7	11
416	Stable Incretin Mimetics Counter Rapid Deterioration of Bone Quality in Type 1 Diabetes Mellitus. <i>Journal of Cellular Physiology</i> , 2015 , 230, 3009-18	7	50
415	New perspectives on exploitation of incretin peptides for the treatment of diabetes and related disorders. <i>World Journal of Diabetes</i> , 2015 , 6, 1285-95	4.7	43
414	Effects of glucose-dependent insulinotropic polypeptide receptor knockout and a high-fat diet on cognitive function and hippocampal gene expression in mice. <i>Molecular Medicine Reports</i> , 2015 , 12, 1544-8	2.9	17
413	Esculentin-2CHa-Related Peptides Modulate Islet Cell Function and Improve Glucose Tolerance in Mice with Diet-Induced Obesity and Insulin Resistance. <i>PLoS ONE</i> , 2015 , 10, e0141549	3.7	17
412	Responses of GLP1-secreting L-cells to cytotoxicity resemble pancreatic β cells but not δ cells. <i>Journal of Molecular Endocrinology</i> , 2015 , 54, 91-104	4.5	9
411	Sequential induction of beta cell rest and stimulation using stable GIP inhibitor and GLP-1 mimetic peptides improves metabolic control in C57BL/KsJ db/db mice. <i>Diabetologia</i> , 2015 , 58, 2144-53	10.3	24
410	Conformational Analysis of the Host-Defense Peptides Pseudhymenochirin-1Pb and -2Pa and Design of Analogues with Insulin-Releasing Activities and Reduced Toxicities. <i>Journal of Natural Products</i> , 2015 , 78, 3041-8	4.9	9
409	Antagonism of gastric inhibitory polypeptide (GIP) by palmitoylation of GIP analogues with N- and C-terminal modifications improves obesity and metabolic control in high fat fed mice. <i>Molecular and Cellular Endocrinology</i> , 2015 , 401, 120-9	4.4	36
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